

AMENDMENTS TO THE CLAIMS

Claims 1-15 (Cancelled)

16. (Currently Amended) An electronics cabinet comprising:
an enclosure, an exterior surface of the enclosure having a lower first air opening, an upper a second air opening, a number of lower first mounting openings formed around the lower first air opening, and a number of upper second mounting openings formed around the upper second air opening, the upper second mounting openings not being formed around the lower first air opening, a first mounting opening lying directly between the first air opening and the second air opening, a second mounting opening lying directly between the first air opening and the second air opening; and

a heat exchanger attached to the enclosure such that an interior of the enclosure and an interior region of the heat exchanger form an air tight and water tight unit, no part of the heat exchanger extending into the enclosure.

17. (Currently Amended) The electronics cabinet of claim 16 wherein a minimum vertical separation between the lower first air opening and the upper second air opening is greater than a vertical distance across the upper second air opening.

18. (Currently Amended) The electronics cabinet of claim 17 wherein a distance between the upper second air opening and the upper second mounting openings that lie above the upper second air opening, and a distance between the upper second air opening and the upper second mounting openings that lie below the upper second air opening are substantially equal.

19. (Currently Amended) The electronics cabinet of claim 18 and further comprising:

a first gasket contacting the exterior surface, the first gasket having a center opening aligned with the ~~lower~~ first air opening and a number of gasket openings that are formed around the center opening; and

a second gasket contacting the exterior surface, the second gasket having a center opening aligned with the ~~upper~~ second air opening and a number of gasket openings that are formed around the center opening of the second gasket.

20. (Currently Amended) The electronics cabinet of claim 19 wherein a size of the ~~lower~~ first air opening and a size of the center opening of the first gasket are substantially equal.

21. (Currently Amended) The electronics cabinet of claim 18 wherein air flows into the enclosure from the ~~upper~~ second air opening, and flows out of the enclosure from the ~~lower~~ first air opening.

22. (Previously Presented) The electronics cabinet of claim 18 wherein the exterior surface is a side wall surface.

23. (Withdrawn) The electronics cabinet of claim 18 wherein the exterior surface is a door.

24. (Currently Amended) The electronics cabinet of claim 16 wherein the heat exchanger includes an exterior plate, the exterior plate of the heat exchanger having a ~~lower~~ first air opening, ~~an upper~~ a second air opening, a number of ~~lower~~ first mounting openings formed around the ~~lower~~ first air opening in the exterior plate, and a number of ~~upper~~ second mounting openings formed around the ~~upper~~ second air opening in the exterior plate, ~~a size of the upper air opening in the exterior surface being less than a size of the upper air opening in the exterior plate.~~

25. (Currently Amended) The electronics cabinet of claim 24 wherein a distance between the ~~upper~~ second air opening in the exterior plate and the ~~upper~~ second mounting openings in the exterior plate that lie above the ~~upper~~ second air opening in the exterior plate, and a distance between the ~~upper~~ second air opening in the exterior plate and the ~~upper~~ second mounting openings in the exterior plate that lie below the ~~upper~~ second air opening in the exterior plate are substantially equal.

26. (Currently Amended) The electronics cabinet of claim 25 24 wherein:

a size of the second air opening in the exterior surface being less than a size of the second air opening in the exterior plate; and

a size of the lower first air opening in the exterior surface and a size of the lower first air opening in the exterior plate are substantially equal.

27. (Currently Amended) The electronics cabinet of claim 25 and further comprising:

a first gasket contacting the exterior surface, the first gasket having a center opening aligned with the ~~lower~~ first air opening in the exterior surface and a number of gasket openings that are formed around the center opening; and

a second gasket contacting the exterior surface, the second gasket having a center opening aligned with the ~~upper~~ second air opening in the exterior surface and a number of gasket openings that are formed around the center opening of the second gasket.

28. (Currently Amended) The electronics cabinet of claim 27 wherein a size of the ~~lower~~ first air opening in the exterior surface, a size of the ~~lower~~ first air opening in the exterior plate, and a size of the center opening of the first gasket are substantially equal.

29. (Currently Amended) The electronics cabinet of claim 27 and further comprising a plurality of fasteners ~~that pass~~, the fasteners passing through the ~~lower~~ first mounting openings of the exterior surface, the ~~lower~~ first mounting openings of the exterior plate, and the gasket openings of the first gasket.

30. (Currently Amended) The electronics cabinet of claim 29 and further comprising a plurality of connectors ~~that wherein the fasteners~~ pass through the ~~upper~~ second mounting openings of the exterior surface, the ~~upper~~ second mounting openings of the exterior plate, and the gasket openings of the second gasket.

31. (Cancelled)

32. (Currently Amended) The electronics cabinet of claim 16 wherein the exterior surface includes a ~~top~~ third air opening spaced apart from the ~~upper~~ second air opening, the ~~upper~~ second mounting openings in the exterior surface being formed around the ~~top~~ third air opening.

33. (Currently Amended) The electronics cabinet of claim 32 wherein the ~~upper~~ second mounting openings in the exterior surface are not formed between the ~~upper~~ second air opening in the exterior surface and the ~~top~~ third air opening.

34. (Currently Amended) The electronics cabinet of claim 33 wherein the heat exchanger includes an exterior plate, the exterior plate of the heat exchanger having a ~~lower~~ first air opening, ~~an upper~~ a second air opening, a number of ~~lower~~ first mounting openings formed around the ~~lower~~ first air opening in the exterior plate, and a number of ~~upper~~ second mounting openings formed around the ~~upper~~ second air opening in the exterior plate, a combined size of the ~~upper~~ second air opening and the ~~top~~ third air opening in the exterior surface being less than a size of the ~~upper~~ second air opening in the exterior plate.

35. (Currently Amended) The electronics cabinet of claim 34 and further comprising:

a first gasket contacting the exterior surface, the first gasket having a center opening aligned with the ~~lower~~ first air opening and a number of gasket openings that are formed around the center opening; and

a second gasket contacting the exterior surface, the second gasket having a center opening aligned with the ~~upper~~ second air opening and a number of gasket openings that are formed around the center opening of the second gasket.

36. (New) The electronics cabinet of claim 30 wherein no portion of a fastener lies outside of the interior of the enclosure and the interior region of the heat exchanger.